

PATENT
Atty. Docket No. 678-1233(P11169)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

UTILITY APPLICATION DATA SHEET UNDER 37 C.F.R. §1.76

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Jong-Ho LEE, Jae-Hak CHUNG, Chan-Soo HWANG, Seung-Hoon NAM
Do-Young KWAK, Jae-Choong HAN and Seong-Cheol KIM

For: METHOD AND APPARATUS FOR ESTIMATING A SIGNAL
SEQUENCE IN A MIMO-OFDM MOBILE COMMUNICATION SYSTEM

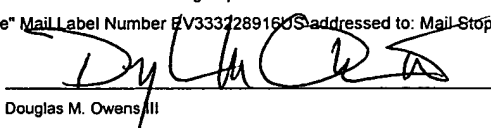
Enclosed are:

- [X] 30 page(s) of specification
[X] 1 page(s) of Abstract
[X] 11 page(s) of claims
[X] 14 sheets of drawings [X] formal [] informal
[X] 2 page(s) of Declaration and Power of Attorney

ASSIGNEE NAME: SAMSUNG ELECTRONICS CO., LTD.
ASSIGNEE RESIDENCE: GYEONGGI-DO, REPUBLIC OF KOREA

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date January 12, 2004 in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EV333728916US addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Douglas M. Owens, III

☐ This application claims the benefit under 35 U.S.C. §119(e) of U.S. Provisional Application(s) No(s).:

APPLICATION NO(S).:

FILING DATE

☒ Certified copy of application

Country

Appln. No.

Filed

REPUBLIC OF KOREA

2003-25146

APRIL 21, 2003

from which priority under Title 35 United States Code, § 119 is claimed

☒ is enclosed.

☐ will follow.

CALCULATION OF UTILITY APPLICATION FEE

For	Number Filed	Number Extra	Rate	Basic Fee \$770.00
TOTAL CLAIMS	36	16	x 18 =	\$288.00
INDEPENDENT CLAIMS	4	1	x 86 =	\$ 86.00
<input type="checkbox"/> Multiple Dep. Claim	0	0	290	\$.00
				TOTAL \$1144.00

☐ Verified Statement of "Small Entity" Status Under 37 C.F.R. § 1.27. Reduced fees under 37 C.F.R. § 1.9(f) (50% of total) paid herewith \$.

- ☒ [X] The amount of \$40.00 for recording the attached Assignment is enclosed as a separate check.
- ☒ [X] A amount of \$1,144.00 to cover the filing fee is enclosed as a separate check.
- ☐ [] Charge fee to Deposit Account No. 04-1121.
TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.
- ☒ [X] Please charge any deficiency as well as any other fee(s), which may become due under 37 C.F.R. § 1.16 and 1.17, at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. 04-1121. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 04-1121 therefor. **TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.**

Respectfully submitted,

Date: January 12, 2004



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